



ABSTRACT OF THE DISCLOSURE

The device for purifying machining liquids for electroerosion machines, ~~comprises~~ includes a first ultrasonic decantation device $[(11)]$ to separate by decantation the metallic contamination particles $[(38)]$ from the machining electrode and the machined piece, a second ultrasonic decantation device $[(45)]$ of a lower power to separate the particles $[(39)]$ of $[(said)]$ the machining additive, and filtration elements $[(46)]$ to separate carbonaceous particles $[(41)]$ from the decomposition of the dielectric liquid. After filtration, this latter is remixed with the additive particles in a mixing receptacle $[(47)]$ to obtain purified machining liquid.

~~{Figure 2}~~